

B Shreyas Bhat

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COURSEWORK

ELECTRONICS

- Electrical Sciences
- Multivariable Calculus
- Probability and Statistics
- Linear algebra
- Differential Calculus

Online Courses

- TensorFlow Specialization
- DeepLearning Specialization
- Causal Inference
- Mastering Datastructure and Algorithms using C/C++
- Algorithmic Toolbox

BIOLOGICAL SCIENCES

- Bioinformatics
- Genetics
- Microbiology
- Enzymology
- Biochemistry
- Cell biology

AREAS OF INTEREST

- Computer Vision
- Causal Inference
- Natural Language Processing
- Machine Learning Models
- Computational Biology

SKILLS

PROGRAMMING LANGUAGES

C • C++ • Python • Javascript

FRAMEWORKS

TensorFlow • PyTorch • Keras • Scikit

TOOLS

GIT • Linux

LIBRARIES

Matplotlib • Numpy • Pandas
• DoWhy • ReactJS

EDUCATION

BITS PILANI, GOA CAMPUS

B.E IN ELECTRONICS AND INSTRUMENTATION

M.Sc.IN BIOLOGICAL SCIENCES

Aug 2019 - Present | Goa, India

Cum. CGPA: 7.22 / 10.0

DELHI PUBLIC SCHOOL, NAVI MUMBAI

Class 12 Graduated - April 2019 | Navi Mumbai, India

Percentage: 93.4

RESEARCH PROJECTS

HOSPITAL ROUTING PROBLEM USING ACO ALGORITHM Worked with **Dr. Sumit Biswas** Implemented MACS-VRPTW ACO algorithm, to find the optimal path to collect and deliver all the patients to closest hospitals. Collected and created datasets from hospitals nearby Pune

EXPERIENCE

ELECTRONICS AND ROBOTICS CLUB, BITS GOA

CORE MEMBER

September 2019 - Present

- Developed Modular robots that change configuration suited to different task using Python and Arduino Nano, ROS and tested on Arduino development board
- ModBots also has the ability to link with other robots to form various structures depending on the situation
- **ModBot Code**

CENTER FOR ENTREPRENEURIAL LEADERSHIP, BITS GOA

CORE MEMBER + DESIGN AND CONTENT

May 2020 - Present

- Wrote numerous articles on Finance, startups, entrepreneurship.
- Helped in organizing various CEL events like coalescence, and other weekly talks

OTHER ACTIVITIES

• SPORTS

National level Basketball (U-14) and (U-19), District level Chess, Tennis, Scrabble